

FURTHER MATHEMATICS SCHEME OF WORK FOR SS1 3RD TERM

1st week: review of last term work

2nd week: vector in two dimension

a; scalar and vectors

b; zero vectors

c; negative vectors

d; vector addition and subtraction

e; magnitude and direction of a vector

f; scalar multiplication

3rd week: vector in two dimension

a; the triangle laws

b; parallelogram law

c; resolution of vector

d; scalar dot product

e; application of scalar dot product

4th week: measure of location

a; mean, mode, median, decile, percentage, quartile.

5th week: measure of dispersion

a; range, interquartile range, mean deviation and standard deviation

6th week: measure of variation

a; coefficient of variation

7th week: mid-term test and mid-term break

8th week: history and nature of operation and research

9th week: mode 1, mode of operation, research, linear programming.

Mode2, transportation model; least cost method and North West corner rule;
assignment model

10th week: model

Practical application of the model

(11-13)th week: exam processing and issuing of result.